

AUG 20 2001

SECTOR
Page 1 of 1
\$
#3COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/885,302	06/20/2001	Mingzhong Ding	S01.12-0709/STL 9808

CONFIRMATION NO. 2673

FORMALITIES LETTER



OC00000006421058

Robert M. Angus
Westman, Champlin & Kelly
International Center, Suite 1600
900 Second Avenue South
Minneapolis, MN 55402-3319

Date Mailed: 08/14/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 840.**

.....

*A copy of this notice **MUST** be returned with the reply.*


Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

08/29/2001 AWONDAF1 00000039 09885302

01 FC:101	710.00 OP
02 FC:105	130.00 OP
03 FC:998	5.00 OP



#3

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Mingzhong Ding et al.

Appln. No.: 09/885,302

Filed : June 20, 2001

For : VARIABLE TPI DATA RECORDING IN
HARD DISC DRIVES

Docket No.: S01.12-0709/STL 9808

Group Art Unit:2651

**RESPONSE TO NOTICE TO FILE MISSING PARTS
OF APPLICATION - FILING DATE GRANTED
UNDER 37 C.F.R. §§ 1.53(f) AND 1.16(e)**

Box Missing Parts
Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
ASSISTANT COMMISSIONER FOR PATENTS,
WASHINGTON, D.C. 20231, THIS

23 DAY OF August, 2001.
Robert M. Ang
PATENT ATTORNEY

Sir:

In response to the Notice to File Missing Parts of
Application - Filing Date Granted dated August 14, 2001, Applicant
encloses the following documents to complete the above-identified
patent application filed June 20, 2001:

1. Our check in the amount of \$840 (to cover the filing
fee \$710 and surcharge fee of \$130).
2. Declaration executed by the inventor(s).
3. Fee Calculation Sheet (duplicate).
4. Notice to File Missing Parts of Application-Filing Date
Granted.
5. Power of Attorney and Statement Under 37 CFR § 3.73(b)

The Director is authorized to charge payment of any additional fees associated with this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this sheet is enclosed.


Respectfully submitted,
WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

Robert M. Angus, Reg. No. 24,383
Suite 1600 - International Centre
900 Second Avenue South
Minneapolis, Minnesota 55402-3319
Phone: (612) 334-3222 Fax: (612) 334-3312

RMA:tas

#3

FEE TRANSMITTAL 		Complete if Known																																																																																									
Application No.		09/885,302																																																																																									
Filing Date		June 20, 2001																																																																																									
First Named Inventor		Mingzhong Ding et al.																																																																																									
Title		VARIABLE TPI DATA RECORDING IN HARD DISC DRIVES																																																																																									
Group Art Unit		2651																																																																																									
Examiner Name																																																																																											
Total Amount of Payment \$ 840		Atty. Docket Number S01.12-0709																																																																																									
METHOD OF PAYMENT (Check One)		FEE CALCULATION (Continued)																																																																																									
1. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. <u>23-1123</u> . Westman, Champlin & Kelly, P.A. 2. <input checked="" type="checkbox"/> Check Enclosed		3. ADDITIONAL FEES <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> <tr> <th>Code</th> <th>Code</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>105</td> <td>205</td> <td>Surcharge - Late filing fee or oath</td> <td style="text-align: right;">130</td> </tr> <tr> <td>127</td> <td>227</td> <td>Surcharge - Late provisional Filing Fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>139</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>For Filing a Request for Reexamination</td> <td></td> </tr> <tr> <td>115</td> <td>215</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>216</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>217</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>218</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>280</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>120</td> <td>220</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>221</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>148</td> <td>248</td> <td>Terminal Disclaimer Fee</td> <td></td> </tr> <tr> <td>140</td> <td>240</td> <td>Petition to Revive - unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>241</td> <td>Petition to Revive - unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>242</td> <td>Utility/Reissue issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>143</td> <td>243</td> <td>Design issue fee (inc. advance copies)</td> <td></td> </tr> <tr> <td>122</td> <td>122</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>123</td> <td>Petitions related to provisional applications</td> <td></td> </tr> <tr> <td>126</td> <td>126</td> <td>Submission of Information Disclosure Statement</td> <td></td> </tr> <tr> <td>581</td> <td>581</td> <td>Recording each patent assignment per property (times number of properties)</td> <td></td> </tr> </tbody> </table>		Large Entity	Small Entity	Fee Description	Fee Paid	Code	Code			105	205	Surcharge - Late filing fee or oath	130	127	227	Surcharge - Late provisional Filing Fee or cover sheet		139	139	Non-English specification		147	2,520	For Filing a Request for Reexamination		115	215	Extension for reply within first month		116	216	Extension for reply within second month		117	217	Extension for reply within third month		118	218	Extension for reply within fourth month		128	280	Extension for reply within fifth month		120	220	Filing a brief in support of an appeal		121	221	Request for oral hearing		148	248	Terminal Disclaimer Fee		140	240	Petition to Revive - unavoidable		141	241	Petition to Revive - unintentional		142	242	Utility/Reissue issue fee (inc. advance copies)		143	243	Design issue fee (inc. advance copies)		122	122	Petitions to the Commissioner		123	123	Petitions related to provisional applications		126	126	Submission of Information Disclosure Statement		581	581	Recording each patent assignment per property (times number of properties)	
Large Entity	Small Entity	Fee Description	Fee Paid																																																																																								
Code	Code																																																																																										
105	205	Surcharge - Late filing fee or oath	130																																																																																								
127	227	Surcharge - Late provisional Filing Fee or cover sheet																																																																																									
139	139	Non-English specification																																																																																									
147	2,520	For Filing a Request for Reexamination																																																																																									
115	215	Extension for reply within first month																																																																																									
116	216	Extension for reply within second month																																																																																									
117	217	Extension for reply within third month																																																																																									
118	218	Extension for reply within fourth month																																																																																									
128	280	Extension for reply within fifth month																																																																																									
120	220	Filing a brief in support of an appeal																																																																																									
121	221	Request for oral hearing																																																																																									
148	248	Terminal Disclaimer Fee																																																																																									
140	240	Petition to Revive - unavoidable																																																																																									
141	241	Petition to Revive - unintentional																																																																																									
142	242	Utility/Reissue issue fee (inc. advance copies)																																																																																									
143	243	Design issue fee (inc. advance copies)																																																																																									
122	122	Petitions to the Commissioner																																																																																									
123	123	Petitions related to provisional applications																																																																																									
126	126	Submission of Information Disclosure Statement																																																																																									
581	581	Recording each patent assignment per property (times number of properties)																																																																																									
1. BASIC FILING FEE <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Fee Description</th> </tr> <tr> <th>Code</th> <th>Code</th> <th></th> </tr> </thead> <tbody> <tr> <td>101</td> <td>201</td> <td><input checked="" type="checkbox"/> Utility Filing Fee</td> </tr> <tr> <td>106</td> <td>206</td> <td><input type="checkbox"/> Design Filing Fee</td> </tr> <tr> <td>108</td> <td>208</td> <td><input type="checkbox"/> Reissue Filing Fee</td> </tr> <tr> <td>114</td> <td>214</td> <td><input type="checkbox"/> Prov. Filing Fee</td> </tr> </tbody> </table> <p style="text-align: right;">Subtotal (1) \$ 710</p>		Large Entity	Small Entity	Fee Description	Code	Code		101	201	<input checked="" type="checkbox"/> Utility Filing Fee	106	206	<input type="checkbox"/> Design Filing Fee	108	208	<input type="checkbox"/> Reissue Filing Fee	114	214	<input type="checkbox"/> Prov. Filing Fee	2. EXTRA CLAIM FEES <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Number Claims</th> <th>Prior**</th> <th>Extra</th> <th>Fee from Below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>20</td> <td>20</td> <td>0</td> <td>18</td> <td>0</td> </tr> <tr> <td>Indep.</td> <td>3</td> <td>3</td> <td>0</td> <td>80</td> <td>0</td> </tr> </tbody> </table> <p>Multiple Dependent Claims</p> <p>** Insert 3 and 20, or number previously paid if greater; Reissue see below</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th style="text-align: left;">Description</th> </tr> <tr> <th>Code</th> <th>Code</th> <th></th> </tr> </thead> <tbody> <tr> <td>103</td> <td>203</td> <td>Claims in excess of 20</td> </tr> <tr> <td>102</td> <td>202</td> <td>Independent claims in excess of 3</td> </tr> <tr> <td>104</td> <td>204</td> <td>Multiple Dependent Claims</td> </tr> <tr> <td>109</td> <td>209</td> <td>Reissue Independent Claims over Original Patent</td> </tr> <tr> <td>110</td> <td>210</td> <td>Reissue claims in excess of 20 and over original patent</td> </tr> </tbody> </table> <p style="text-align: right;">Subtotal (2) \$ 0</p>			Number Claims	Prior**	Extra	Fee from Below	Fee Paid	Total	20	20	0	18	0	Indep.	3	3	0	80	0	Large Entity	Small Entity	Description	Code	Code		103	203	Claims in excess of 20	102	202	Independent claims in excess of 3	104	204	Multiple Dependent Claims	109	209	Reissue Independent Claims over Original Patent	110	210	Reissue claims in excess of 20 and over original patent																															
Large Entity	Small Entity	Fee Description																																																																																									
Code	Code																																																																																										
101	201	<input checked="" type="checkbox"/> Utility Filing Fee																																																																																									
106	206	<input type="checkbox"/> Design Filing Fee																																																																																									
108	208	<input type="checkbox"/> Reissue Filing Fee																																																																																									
114	214	<input type="checkbox"/> Prov. Filing Fee																																																																																									
	Number Claims	Prior**	Extra	Fee from Below	Fee Paid																																																																																						
Total	20	20	0	18	0																																																																																						
Indep.	3	3	0	80	0																																																																																						
Large Entity	Small Entity	Description																																																																																									
Code	Code																																																																																										
103	203	Claims in excess of 20																																																																																									
102	202	Independent claims in excess of 3																																																																																									
104	204	Multiple Dependent Claims																																																																																									
109	209	Reissue Independent Claims over Original Patent																																																																																									
110	210	Reissue claims in excess of 20 and over original patent																																																																																									
Other Fee (specify) _____		Subtotal (3) \$130																																																																																									

Signature

(Steven M. Koshler)

Reg. No. 36,188Date 8/23/01Deposit Account No. 23-1123